

APPENDIX I:

Spring Cleanup and Household Hazardous Waste Collection Information

**Keweenaw Bay Indian Community
Natural Resources Department**

Bulky Waste Cleanup

Each year, KBIC holds Spring Cleanup, a free waste collection event as a way to provide a convenient waste service and to reduce the cost of waste disposal to KBIC Tribal members. This is done in hopes of preventing and reducing the open dumping of waste, thereby protecting the environment. This annual event sponsored by the KBIC Tribal Council and KBIC Natural Resources Department, collects bulky waste, such as furniture, toys, and bagged trash, from Tribal households. Prior to 2008, KBIC co-sponsored the Village of Baraga Spring Cleanup, whereby Village residents, including tribal members, hauled their waste to a designated drop-off site. Since 2008, KBIC has organized its own Spring Cleanup offering curbside collection to tribal members, and has proved to be very successful, resulting in the proper waste management and appears to be effective in reducing the KBIC waste stream. Annual waste collection volumes are shown in Table 1.

The KBIC Natural Resources Department coordinates the events with tribal entities providing waste collection and hauling. The KBIC Natural Resources Department also conducts visual waste screening to remove hazardous waste from the waste stream.

Table 1. Spring Cleanup annual waste volumes, 2004-2011

Year	Event	Unit	Volume (tons)	
2004	VOB Spring Cleanup	474 (loads)	180	
2005	VOB Spring Cleanup	410 (loads)	160	
2006	VOB Spring Cleanup	359 (loads)	158	
2007	VOB Spring Cleanup	320 (loads)	200	
2008	KBIC Spring Cleanup	80 (households)	40	100
	VOB Spring Cleanup	97 (members)	60	
2009	KBIC Spring Cleanup	116 (households)	45	
2010	KBIC Spring Cleanup	~150 households	40	
2011	KBIC Spring Cleanup	~150 household	45	



Keweenaw Bay Indian Community Natural Resources Department

Trash Talk: 2009 Spring Cleanup Collects 45 Tons of Waste

Each year, KBIC holds Spring Cleanup, a free waste collection event as a way to provide a convenient disposal service and to reduce the cost of waste disposal to enrolled tribal members. This service is also provided in hopes of preventing some open dumping of waste, which helps protect the environment. This annual event sponsored by the KBIC Tribal Council and KBIC Natural Resources Department, collects bulky waste, such as furniture, toys, and bagged trash, from Tribal households. Prior to 2008, KBIC co-sponsored the Village of Baraga Spring Cleanup, whereby residents hauled their waste to a designated drop-off site. Since then, we have coordinated our own Spring Cleanup offering curbside collection, which has proved to be very successful.

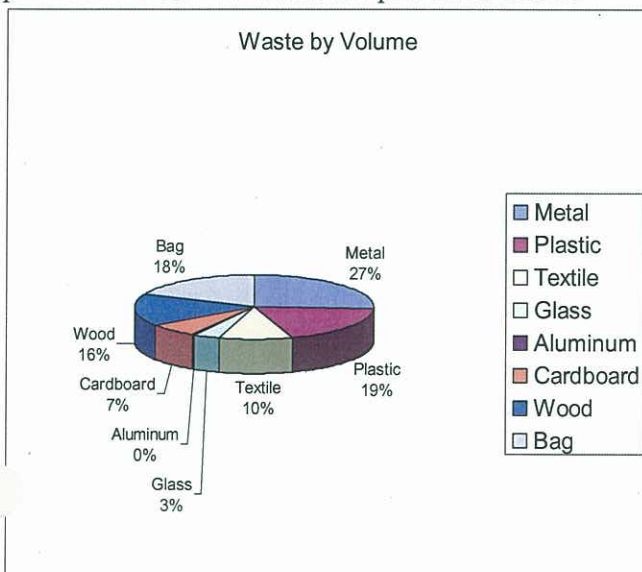
This year, the our Spring Cleanup successfully collected and properly disposed of approximately **45 tons** of waste from Tribal households within the L'Anse Reservation, including the Villages of Baraga and L'Anse. The Natural Resources Department coordinated the event and Tribal Construction Company provided waste collection and hauling. The Natural Resources Department also conducted visual waste volume and characterization in order to help determine the type of wastes present in the KBIC waste stream. Knowing what type of waste in in the waste stream helps us identify recycling and reduction opportunities. Recycling could help lower future disposal costs and keep waste out of landfills. Metal was the highest waste type at 27%, followed by plastics at 19%. The results are presented below:

We also compared the waste volume with previous Spring Cleanup waste volumes. The waste volume data shows that the bulky waste collected from tribal households has decreased over time. The annual waste volumes are presented below:

Table 1. KBIC Spring Cleanup total waste disposal volumes 2004-2009

Year	Event	Unit	Total (tons)	
2004	VOB Spring Cleanup	474 (loads)	180	
2005	VOB Spring Cleanup	410 (loads)	160	
2006	VOB Spring Cleanup	359 (loads)	158	
2007	VOB Spring Cleanup	320 (loads)	200	
2008	KBIC Spring Cleanup	80 (households)	40	100
	VOB Spring Cleanup	97 (members)	60	
2009	KBIC Spring Cleanup	116 (households)	45	

Our Spring Cleanup once again proved to be a successful event, resulting in proper waste management and it appears to be reducing the overall annual KBIC waste stream. If you have questions or comments please call us at the Natural Resource Department (524-5757)



Keweenaw Bay Indian Community; Great Lakes Restoration Initiative Household Hazardous Waste and Electronic Waste Collection Event a Success.

From; Chris Swartz, President

Release date: 08/9/2011

Contact Information: Katherine Kruse; Keweenaw Bay Indian Community Natural Resource Department; 906-524-5757

Baraga County, Michigan – The Keweenaw Bay Indian Community (KBIC), whose Reservation lands border Keweenaw Bay of Lake Superior, hosted a household hazardous waste and electronic waste collection event on June 4th on the grounds of the Ojibwa Casino Resort. This was the first of what is hoped to be an annual household hazardous waste collection effort by KBIC. The collection event was open to tribal members and all non-tribal residents of Baraga County. Over 160 vehicles showed up during the day. More than 350 used electronic devices such as TVs, computers, monitors, and microwaves were collected as well as over 5,000 pounds of household hazardous waste. Wastes collected included used oil, old gasoline, pesticides, mercury, oil filters, car batteries, and other hazardous materials. The event was free of charge for all participants. The collection event was considered a big success by all involved considering that Baraga County only has about 8,860 residents. "We were pleasantly surprised with how many people showed up" said Katherine Kruse, KBIC Environmental Response Program Specialist. "Participation was higher than we thought it would be and a number of people remarked about how happy they were to get rid of waste that they had been accumulating in their house for years. We actually ran out of room in the trucks we received so many used electronic items." One of the most exciting items collected was a jar containing liquid mercury. A total of 15 pounds of mercury were collected during the event. All waste collected will be recycled or disposed of depending upon material type. Proper handling and disposal of hazardous waste materials is a critical part of preventing potential contaminant release to the Lake Superior ecosystem which helps protect this precious resource. Historically the lack of resources in the Baraga County area has meant that regular collection events have simply not been possible. With the help of U.S. EPA Great Lakes Restoration Initiative funding we will be able to establish a regular collection program, leading to increased protections for our wonderful Lake Superior.



Caption: Electronic waste collected at the KBIC Household Hazardous and Electronic Waste collection in June.



Caption: Household and other hazardous wastes collected at the KBIC Household Hazardous and Electronic Waste collection in June.